



INTERNATIONAL PRELIMINARY EXAMINATION REPORT – SEPARATE SHEET

International application Nr PCT/FR03/02836

Concerning point V

Reasoned statement with regard to novelty, inventive step and industrial application; citations and explanations supporting such statement

Reference is made to the following documents:

D1: US-B-6 382 2041 (JANSEN HUBERT ET AL) 7 May 2002 (2002-05-07)

D2: US-A-5 951 526 (IMBERT CLAUDE ET AL) 14 September 1999 (1999-09-14)

CLAIM 1

Document D1, which is considered as the closest prior art with regard to claim 1, discloses (references between brackets apply to that document):

A spray or injection device making it possible to deliver at least two preset doses of product, according to the preamble of claim 1 (claim 1).

Consequently, the subject of claim 1 differs from this known device in that the casing or the pusher comprises at least one tab which can be moved radially between a first normal radial position, in which the tab provides no obstacle to the movement of the pusher with respect to the casing, and a second radial position, in which the tab provides an obstacle to this movement, this tab comprising an opening;

the pusher or the casing, respectively, comprises at least one ramp-shaped projection, making it possible to bring said tab into said second radial position, then to enter said opening, thereby allowing said tab to return to said first radial position; the pusher or the casing, respectively, further comprises at least one stop region against which the tab presses when it is brought into said second radial position by said projection, this pressure occurring just before said projection comes opposite said opening.

The subject of claim 1 is therefore new (article 33(2) PCT).

The problem the present invention intends to solve can therefore be considered as providing an alternating device making it possible to deliver at least two preset doses of product, reducing errors of use to a minimum.

The solution to this problem, suggested in claim 1 of the present application, is considered as involving inventive step (article 33(3) PCT), for the following reason:

The combination of the features of claim 1 is not included in the state of the art and does not obviously ensue therefrom.

CLAIMS 2-12

Claims 2-12 are dependent on claim 1 and therefore also comply, as such, with the PCT requirements with regard to novelty and inventive step.

CLAIM 13

Claim 13 relates to another form of device including means for controlling the length of travel of the pusher with respect to the casing, these means being designed to divide this travel into a first travel portion and a second travel portion, determining the respective delivery of the first and second doses. The control means consist in at least one tab and at least one ramp cooperating with said tab as already described in claim 1.

Consequently, the subject of claim 13 is also new (article 33(2) PCT) and is considered as involving inventive step (article 33(3) PCT).

CLA IMS 14-25

Clairns 14-25 are dependent on claim 13 and therefore also satisfy, as such, the requirements of the PCT regarding novelty and inventive step.